U.S. DEPT. OF INTERIOR U.S. FISH

AND WILDLIFE SERVICE

ADDRESS

Leavenworth National Fish Hatchery

12790 Fish Hatchery Rd Leavenworth, WA 98826

FACILITY

LOCATION

Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

WA-000190-2 PERMIT NUMBER

DISCHARGE NUMBER

			MONITO	ORING F	PERIOD		. 7
	YEAR	МО	DAY		YEAR	МО	DAY
FROM	8	10	1	то	8	10	31



Form Approved. OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION		NO.	FREQUENCY	SAMPL
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	26.5	26.5	MGD						1	Tota
				Midb							
Suspended Solids	SAMPLE MEASUREMENT	<100	<100								
Non-Cleaning Total Discharge	// IPM	, 1-10 1 /		Kg/Day						W. 1/2	
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1				
Non-Cleaning Total Discharge								ML/L			
Suspended Solids	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	MC/I			
Cleaning Effluent								MG/L			
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	MI			
Cleaning Effluent								ML/L			
	SAMPLE MEASUREMENT										
										# 1	
	SAMPLE MEASUREMENT										
			Ventus es 1								
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my di	rection or supervision	in accordance with a	system			No.	TELEPHON	NE	DAT	E
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, or information, the informa- belief, true, accurate, ar	qualified personnel pro Based on my inquiry those persons directly ation submitted is, to the	operly gather and evaluation of the person or person responsible for gather the best of my knowled	uate the ons who ring the dge and	Auc	1		509 548-	7641	8 1	10
TYPED OR PRINTED	penalties for submitting imprisonment for knowledge	false information, inclu	ding the possibility of f	ine and		PRINCIPAL EXECUTAUTHORIZED AGEN		AREA NUM	BER	YEAR N	ON E

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

		- 1	SUSF	PENDED		SETTLEABLE					
	Oct. `08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE	NET	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE	SOLIDS	MG/L	CONC ML/L	DIFF	KG/D	MG/D		
10/2/2008	WEEK 1									ADULT POND	4800
	INTAKE ICICLE	1000 ml	<1		<1	<0.1		<100	26.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water							8 X 80'S	5475
	UNDER BRIDGE DISCHARGE		<1						Įa	NURSERY	128
	PA POND DISCHARGE	1000ml				<0.1				Trout Pond / FL'S	0
			-							TOTAL GPM ¹	18383
10/9/2008	WEEK 2									ADULT POND	4800
	INTAKE ICICLE	1000 ml		<1		<0.1			26.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	5475
	UNDER BRIDGE	1000ml				<0.1				NURSERY	128
	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	18383
10/16/2008	WEEK 3									ADULT POND	4800
	INTAKE ICICLE	1000 ml		<1		<0.1			26.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE									8 X 80'S	5475
	UNDER BRIDGE DISCHARGE		-						Ē	NURSERY	128
	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	18383
10/21/2008	WEEK 4									ADULT POND	4800
	INTAKE ICICLE	1000 ml				<0.1			26.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	5475
5	UNDER BRIDGE DISCHARGE	1000 ml				<0.1	it.			NURSERY	128
	PA POND DISCHARGE .	1000 ml				<0.1				Trout Pond / FL'S	0
									= 5	TOTAL GPM ¹	18383
10/29/2008	WEEK 5										
	INTAKE ICICLE	1000 ml				<0.1			26.5		
	PA POND DISCHARGE	1000 ml				<0.1				TOTAL GPM	18383

When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

 $GPM \times 60min \times 24hrs =$

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water

NAME

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WA-000190-2
PERMIT NUMBER DISCH

DISCHARGE NUMBER

- [MONITO	ORING I	PERIOD		
ſ	YEAR	МО	DAY		YEAR	МО	DAY
FROM	8	11	1	то	8	11	30

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	ICENTRATION		NO.	FREQUENCY	SAMPLE
FARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	26.5	26.5	MGD							Tota
Suspended Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT	<100.2	<100.2	Kg/Day							
Settleable Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L	9:10		
Suspended Solids Cleaning Effluent	SAMPLE MEASUREMENT				1.0	1.25	1.50	MG/L			
Settleable Solids Cleaning Effluent	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L			
	SAMPLE MEASUREMENT							CEI	VE	7	
	SAMPLE MEASUREMENT						ע ען אי	1 4 20		Ull	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my di	rection or supervision	in accordance with a	system		*		PLIANCE APPHO	NEDRCEME	NT DAT	E
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, or information, the informa- belief, true, accurate, ar	t qualified personnel pro Based on my inquiry or those persons directly ation submitted is, to the nd complete. I am awar	operly gather and evaluation of the person or person responsible for gather best of my knowled at that there are signification.	uate the ons who ring the dge and ant	PUL:	C		AND CONTROL OF THE CONTROL OF	7641		1 28
TYPED OR PRINTED	penalties for submitting imprisonment for knowle		ding the possibility of f	ine and C		PRINCIPAL EXECU AUTHORIZED AGEN		AREA CODE NUM	MBER	YEAR M	IO DA

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Form Approved. OMB No. 2040-0004

^{*} Grab net over influent.

NPDES

Explanation of samples not taken

Due to circumstances beyond our control, samples were not taken for the following weeks:

Nov. 9-15

Reason: Extremely high flood waters made it impossible to get out to the sample sites

Shaun Love Leavenworth NFH 12790 Fish Hatchery Rd. Leavenworth, Wa 98826 509-548-2925

			SUSF	PENDED		SETTLEABLE					
	Nov. `08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE	NET	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE	SOLIDS	MG/L	CONC ML/L	DIFF	KG/D	MG/D		
11/6/2008	WEEK 1									ADULT POND	4800
	INTAKE ICICLE	1000 ml	<1		<1	<0.1		<100.2	26.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water			SE VERY NEED				8 X 80'S	5475
	UNDER BRIDGE DISCHARGE		<1))	NURSERY	128
	PA POND DISCHARGE	1000ml		Marie E		<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	18383
11/11/2008	WEEK 2					Y- Table				ADULT POND	4800
	INTAKE ICICLE	1000 ml							26.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000ml	A	In Co	MAN	les T	akai	2		8 X 80'S	5475
	UNDER BRIDGE	1000ml	1	NO DO	annp	ico i	anti			NURSERY	128
	PA POND DISCHARGE	1000 ml								Trout Pond / FL'S	0
										TOTAL GPM1	18383
11/20/2008	WEEK 3									ADULT POND	4800
	INTAKE ICICLE	1000 ml		1		<0.1			26.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE					No Water				8 X 80'S	5475
	UNDER BRIDGE DISCHARGE					<0.1				NURSERY	128
	PA POND DISCHARGE	1000 ml		1		<0.1				Trout Pond / FL'S	0
									9	TOTAL GPM ¹	18383
11/25/2008	WEEK 4		X							ADULT POND	4800
	INTAKE ICICLE	1000 ml		1.5		<0.1			26.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	5475
	UNDER BRIDGE DISCHARGE	1000 ml				<0.1			17	NURSERY	128
	PA POND DISCHARGE	1000 ml		1		<0.1				Trout Pond / FL'S	0
	7.					Salding Table				TOTAL GPM ¹	18383
	WEEK 5			NEW AND STATE							
	INTAKE ICICLE	1000 ml									
	PA POND DISCHARGE	1000 ml								TOTAL GPM	

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

GPM x 60min x 24hrs =

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water

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WA-000190-2
PERMIT NUMBER DISCHARGE NUMBER

L			MONITO	ORING I	PERIOD		
Γ	YEAR	МО	DAY	П	YEAR	MO	DAY
мС	8	12	1	то	8	12	31

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION		NO.	FREQUENCY	SAMPL
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
Flow	SAMPLE MEASUREMENT	28.9	30.4	MGD							Tota
Suspended Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT	<104	<104	Kg/Day							
Settleable Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L			
Suspended Solids Cleaning Effluent	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	MG/L			N. S.
Settleable Solids Cleaning Effluent	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML/L			
	SAMPLE MEASUREMENT						IN E	EIV			
*	SAMPLE MEASUREMENT						J LI JAN	1 2 2009			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	prepared under my di	of law that this docum	in accordance with a	system			ICE OF COMPL	ANCTELEPHONE	ACEMEN	DA1	TE .
Al Jensen Hatchery Manager, LNFH	information submitted, manage the system, o information, the inform belief, true, accurate, a	r those persons directly ation submitted is, to the nd complete. I am awar	of the person or person responsible for gathe the best of my knowled that there are signific	ring the lige and ant	All	DI	agramatical III	509 548-7			12
TYPED OR PRINTED	penalties for submitting imprisonment for knowl	false information, inclu ng violations.	ding the possibility of t	ine and		PRINCIPAL EXECU		AREA NUMBI	ER	YEAR	мо п

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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^{*} Grab net over influent.

NPDES

Explanation of samples not taken

Due to circumstances beyond our control, samples were not taken for the following weeks:

Dec. 21-27

Reason: All sample access point were frozen over.

Shaun Love Leavenworth NFH 12790 Fish Hatchery Rd. Leavenworth, Wa 98826 509-548-2925 SUSPENDED SETTLEABLE

		Non		LINDLD		OM I I MAIN IN MAIN					
DATE	Dec. `08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE CONC ML/L	NET DIFF	WASTE KG/D	TOTAL FLOW	PONDS IN USE	GPM
12/1/2008	WEEK 1	TOLOME	O/1111 EE	COLIDO	IIIO/L	OONO METE	Diri	KOID	MO/D	ADULT POND	4800
12/1/2000	INTAKE ICICLE	1000 ml	<1		<1	<0.1		<104	27.5	10 X 100'S	1000000
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water		-1	50.1		104	27.5	8 X 80'S	7980 5475
	UNDER BRIDGE DISCHARGE	_ 0.000.00000	<1						· ·	NURSERY	845
	PA POND DISCHARGE	1000ml				<0.1				- IAWARANEERINA R	CONSTRU
	FA FOND DISCHARGE	10001111				SU.1				Trout Pond / FL'S TOTAL GPM ¹	19100
12/9/2008	WEEK 2									ADULT POND	4800
	INTAKE ICICLE	1000 ml		<1			90		27.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000 ml							21.5	8 X 80'S	5475
	UNDER BRIDGE	1000ml							L,	NURSERY	128
	PA POND DISCHARGE	1000 ml		<1						Trout Pond / FL'S	0
	THE OND DIGOTORIOS	1000 1111								TOTAL GPM ¹	18383
12/16/2008	WEEK 3	-		有数据效果						ADULT POND	4800
	INTAKE ICICLE	1000 ml		<1		<0.1			29.4	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE					No Water			34	8 X 80'S	5475
	UNDER BRIDGE DISCHARGE			SAR THE SAR		<0.1				NURSERY	2139
	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	20394
12/30/2008 ²	WEEK 4								_	ADULT POND	4800
	INTAKE ICICLE	1000 ml				<0.1			30.4	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	5475
	UNDER BRIDGE DISCHARGE	1000 ml				<0.1				NURSERY	2855
	PA POND DISCHARGE	1000 ml		AVEX CELLS		<0.1			Trou	Trout Pond / FL'S	0
			н							TOTAL GPM ¹	21110
	WEEK 5			THE PROPERTY.							
	INTAKE ICICLE	1000 ml									
	PA POND DISCHARGE	1000 ml					E .			TOTAL GPM	

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

²No samples taken on Dec. 23 due to ice

GPM x 60min x 24hrs =

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water

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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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			MONITO	ORING F	PERIOD		
	YEAR	МО	DAY		YEAR	МО	DAY
FROM	8	9	1	то	8	9	30

NOTE: Read instructions before completing this form.

PA PA LAPTER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION		NO		SAM
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	U	NITS EX	ANALYSIS	TYI
Flow	SAMPLE MEASUREMENT	28.3	29.6	MGD							To
Suspended Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT	<167.8	<167.8	Kg/Day							
Settleable Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	N	IL/L		
Suspended Solids Cleaning Effluent	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	N	IG/L		
Settleable Solids Cleaning Effluent	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	N	IL/L		
	SAMPLE MEASUREMENT		DE	CEI						-	
	SAMPLE MEASUREMENT			V 1 0 20							
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my dir designed to assure that information submitted	of law that this docum ection or supervision	ent and all attachment in accordance Witt Ot.	SE WANTE EGION 1	0	- J		TE	LEPHONE	D	ATE
Al Jensen Hatchery Manager, LNFH	manage the system, or information, the information bellef, true, accurate, an	those persons directly ition submitted is, to the discomplete. I am awar	responsible for gather ne best of my knowled e that there are significa	ring the lige and ant	DE OFICEMENT)	4		509	548-7641	8	9
TYPED OR PRINTED	penalties for submitting imprisonment for knowle	false information, inclu				PRINCIPAL EXECUT AUTHORIZED AGEN		AREA CODE	NUMBER	YEAR	мо

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

0			SUSI	PENDED		SETTLEABLE					
	Sept. `08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE	NET	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE	SOLIDS	MG/L	CONC ML/L	DIFF	KG/D	MG/D		
9/3/2008	WEEK 1									ADULT POND	1200
	INTAKE ICICLE	1000 ml	<1		<1.5	<0.1		<167.5	29.6	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water							8 X 80'S	11025
	UNDER BRIDGE DISCHARGE		1.5							NURSERY	128
	PA POND DISCHARGE	1000ml			=	<0.1				Trout Pond / FL'S	200
										TOTAL GPM ¹	20533
9/8/2008	WEEK 2									ADULT POND	0
	INTAKE ICICLE	1000 ml		<1		<0.1			27.8	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000ml	a .			No Water				8 X 80'S	11025
	UNDER BRIDGE	1000ml				<0.1				NURSERY	128
	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	200
								(4)		TOTAL GPM1	19333
9/16/2008	WEEK 3									ADULT POND	0
	INTAKE ICICLE	1000 ml		<1		<0.1			27.8	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE									8 X 80'S	11025
	UNDER BRIDGE DISCHARGE									NURSERY	128
	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	200
										TOTAL GPM ¹	19333
9/23/2008	WEEK 4								/4,	ADULT POND	
	INTAKE ICICLE	1000 ml				<0.1			27.8	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water		К		8 X 80'S	11025
	UNDER BRIDGE DISCHARGE	1000 ml				<0.1				NURSERY	128
	PA POND DISCHARGE	1000 ml				<0.1				Trout Pond / FL'S	200
										TOTAL GPM ¹	19333
	WEEK 5										
	INTAKE ICICLE	1000 ml									-
	PA POND DISCHARGE	1000 ml								TOTAL GPM	

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

GPM x 60min x 24hrs =

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water

fle

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OMB No. 2040-0004

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			MONITO	ORING F	PERIOD		
I	YEAR	МО	DAY		YEAR	МО	DAY
FROM	8	7	1	то	8	7	31

NOTE: Read instructions before completing this form.

PARAMETER	1 1	QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION		NO		1 3	SAMP
1 GISSING LEIS		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	U	INITS	ANALYS	S	TYF
Flow	SAMPLE MEASUREMENT	31	31	MGD							7	То
Suspended Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT	0	0	Kg/Day								
Settleable Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	N	AL/L			
Suspended Solids Cleaning Effluent	SAMPLE MEASUREMENT				2.0	2.15	2.3	N	NG/L			
Settleable Solids Cleaning Effluent	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	N	AL/L			
8	SAMPLE MEASUREMENT		DE	EIN								
	SAMPLE MEASUREMENT		III) NU	. 0 200								
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my di designed to assure tha	of law that this docum	ent and all attach Hen n accordance with W	SEREREGION 10	FORCEMENT	4_	() EXIVEN E.)	TE	LEPHONE		DATE	7.4
Al Jensen Hatchery Manager, LNFH	information submitted, manage the system, or information, the information, the information, the information, accurate, as	Based on my inquiry of those persons directly ation submitted is, to the nd complete. I am aware	of the person or person responsible for gather he best of my knowled to that there are significa-	ns who ing the ge and ont	alle	21		509	548-7641	8	7	
TYPED OR PRINTED	penalties for submitting imprisonment for knowle	false information, inclu- ng violations.	ding the possibility of fi	ne and		PRINCIPAL EXECUT		AREA CODE	NUMBER	YEAR	МО	T

^{*} Grab net over influent.

SUSPENDED SETTLEABLE July '08 SAMPLE COMP SUSPENDED NET SAMPLE WASTE TOTAL FLOW PONDS IN USE GPM NET DIFF NET VOLUME SAMPLE SOLIDS DIFF KG/D DATE Location MG/L CONC ML/L MG/D ADULT POND WEEK 1 1080 7/2/2008 Ø 4 Ø < 0.1 31 10 X 100'S 6972 INTAKE ICICLE 1000 ml OUTSIDE SC CANAL DISCHARGE 1000 ml 8 X 80'S 13245 No Water UNDER BRIDGE DISCHARGE <1 NURSERY 0 PA POND DISCHARGE 1000ml < 0.1 Trout Pond / FL'S 200 TOTAL GPM1 21497 ADULT POND 7/8/2008 WEEK 2 1080 1 < 0.1 31 10 X 100'S 6972 1000 ml INTAKE ICICLE No Water 13245 OUTSIDE SC CANAL DISCHARGE 1000ml 8 X 80'S 1000ml < 0.1 NURSERY 0 UNDER BRIDGE 2 PA POND DISCHARGE 1000 ml < 0.1 Trout Pond / FL'S 200 TOTAL GPM1 21497 7/15/2008 WEEK 3 ADULT POND 1080 1000 ml 1.2 < 0.1 31 10 X 100'S 6972 INTAKE ICICLE **OUTSIDE SC CANAL DISCHARGE** 8 X 80'S 13245 NURSERY 0 UNDER BRIDGE DISCHARGE 2.3 < 0.1 Trout Pond / FL'S 200 PA POND DISCHARGE 1000 ml TOTAL GPM1 21497 ADULT POND 1080 7/22/2008 WEEK 4 31 6972 INTAKE ICICLE 1000 ml < 0.1 10 X 100'S **OUTSIDE SC CANAL DISCHARGE** 1000ml 8 X 80'S 13245 No Water 0 1000 ml NURSERY UNDER BRIDGE DISCHARGE < 0.1 < 0.1 Trout Pond / FL'S 200 PA POND DISCHARGE 1000 ml TOTAL GPM1 21497 31 7/30/2008 WEEK 5 INTAKE ICICLE < 0.1 1000 ml < 0.1 TOTAL GPM 21497 1000 ml PA POND DISCHARGE

When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

 $GPM \times 60min \times 24hrs =$

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water

file

Form Approved,

OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME

U.S. DEPT. OF INTERIOR U.S. FISH

AND WILDLIFE SERVICE

ADDRESS

Leavenworth National Fish Hatchery

12790 Fish Hatchery Rd

Leavenworth, WA 98826

FACILITY LOCATION

Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

WA-000190-2 PERMIT NUMBER

DISCHARGE NUMBER

 MONITORING PERIOD

 YEAR
 MO
 DAY
 YEAR
 MO
 DAY

 FROM
 8
 8
 1
 TO
 8
 8
 31

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION		NO.	FREQUENC	SAME
LANGUETEN		AVERAGE	MUMIXAM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNI	TS EX	ANALYSIS	TYF
Flow	SAMPLE MEASUREMENT	29.4	29.5	MGD			Z163.45				Tot
Suspended Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT	0	0	Kg/Day							
Settleable Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML	/L		
Suspended Solids Cleaning Effluent	SAMPLE MEASUREMENT				<1.0	<3,8	3.8	MG	i/L		
Settleable Solids Cleaning Effluent	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	ML,	/L		
	SAMPLE MEASUREMENT		DEC	SEIN					6 A		
p	SAMPLE MEASUREMENT		NU	1 0 200	R U						
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my dir	of law that this docum	en OFFIDE OFFIDE WITH A	EPA REGION 10	FORCEMENT			TELE	EPHONE	DA	TE
Al Jensen Hatchery Manager, LNFH	information submitted, manage the system, or information, the informa- belief, true, accurate, an	Based on my inquiry of those persons directly ation submitted is, to the discomplete. I am aware	of the person or	ons who ring the dge and ant	all	PJ		509	548-7641	8	8
TYPED OR PRINTED	penalties for submitting imprisonment for knowing		ding the possibility of fi	ine and		PRINCIPAL EXECUT		AREA CODE	NUMBER	YEAR	мо г

* Grab net over influent.

SUSPENDED

SETTLEABLE

	Aug '08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE	NET	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE	SOLIDS	MG/L	CONC ML/L	DIFF	KG/D	MG/D		
8/5/2008	WEEK 1									ADULT POND	1200
	INTAKE ICICLE	1000 ml	1.5		Ø	<0.1		Ø	29.4	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water							8 X 80'S	1102
	UNDER BRIDGE DISCHARGE		1.5							NURSERY	0
4.8	PA POND DISCHARGE	1000ml				<0.1				Trout Pond / FL'S	200
0.00										TOTAL GPM ¹	2040
8/13/2008	WEEK 2									ADULT POND	1200
	INTAKE ICICLE	1000 ml		<1		<0.1			29.4	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	11025
	UNDER BRIDGE	1000ml				<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	200
										TOTAL GPM ¹	2040
8/21/2008	WEEK 3									ADULT POND	1200
	INTAKE ICICLE	1000 ml		1.2		<0.1			29.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE									8 X 80'S	11025
	UNDER BRIDGE DISCHARGE									NURSERY	48
	PA POND DISCHARGE	1000 ml		3.8		<0.1				Trout Pond / FL'S	200
			* •							TOTAL GPM ¹	20453
8/27/2008	WEEK 4									ADULT POND	1200
	INTAKE ICICLE	1000 ml				<0.1			29.5	10 X 100'S	7980
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	11025
	UNDER BRIDGE DISCHARGE	1000 ml				<0.1				NURSERY	104
	PA POND DISCHARGE	1000 ml				<0.1	12			Trout Pond / FL'S	200
										TOTAL GPM ¹	20509
	WEEK 5										
	INTAKE ICICLE	1000 ml								1	1
·	PA POND DISCHARGE	1000 ml								TOTAL GPM	

*When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

GPM x 60min x 24hrs =

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water

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WA-000190-2 PERMIT NUMBER

DISCHARGE NUMBER

			MONITO	ORING I	PERIOD		
	YEAR	МО	DAY		YEAR	MO	DAY
M	8	6	1	то	8	6	30

NOTE: Read instructions before completing this form.

PARAMETER	1 1	QUAN	TITY OR LOADING	T1		QUALITY OR CON	CENTRATION		NO		SAIV
FONOMETER		AVERAGE	MUMIXAM	UNITS	MINIMUM	AVERAGE	MAXIMUM	U	INITS	ANALYSIS	TY
Flow	SAMPLE MEASUREMENT	25.8	25.8	MGD							То
									100		
Suspended Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT	0	0	Kg/Day							
Settleable Solids Non-Cleaning Total Discharge	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	N	AL/L		
Suspended Solids Cleaning Effluent	SAMPLE MEASUREMENT				1	1	1	N	/IG/L		
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		AL/L		
Cleaning Effluent				FIV							
	SAMPLE MEASUREMENT			0 0							
				1 4 2008							
	SAMPLE MEASUREMENT		U.S.	PA REGION 10		.(+					
				ANCE AND EN	DECLMENT						
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my di	rection or supervision	in accordance with a	system				TE	ELEPHONE	D	ATE
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, of information, the information, the delief, true, accurate, are	Based on my inquiry those persons directly ation submitted is, to the	of the person or person responsible for gathe he best of my knowled	ns who ring the ige and	alle	7	_	509	548-7641	8	6
TYPED OR PRINTED	penalties for submitting imprisonment for knowle	false information, inclu				PRINCIPAL EXECUT AUTHORIZED AGEN		AREA CODE	NUMBER	YEAR	МО

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Form Approved, OMB No. 2040-0004

^{*} Grab net over influent.

SUSPENDED

SETTLEABLE

1	June '08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE	NET	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE	SOLIDS	MG/L	CONC ML/L	DIFF	KG/D	MG/D	the local and the season	
6/3/2008	WEEK 1								F 2 - 5 2	ADULT POND	Reuse
	INTAKE ICICLE	1000 ml	2		Ø	<0.1		Ø	25.8	10 X 100'S	8400
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water							8 X 80'S	9525
	UNDER BRIDGE DISCHARGE		1.2							NURSERY	0
	PA POND DISCHARGE	1000ml				<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	17925
6/11/2008	WEEK 2									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1		<0.1			25.8	10 X 100'S	8400
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	9525
	UNDER BRIDGE	1000ml				<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml		1		<0.1				Trout Pond / FL'S	0
2										TOTAL GPM ¹	17925
6/17/2008	WEEK 3			美维在 图						ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		1.7		<0.1			25.8	10 X 100'S	8400
	OUTSIDE SC CANAL DISCHARGE						34			8 X 80'S	9525
	UNDER BRIDGE DISCHARGE									NURSERY	0
	PA POND DISCHARGE	1000 ml		- DEC 1		<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	17925
6/25/2008	WEEK 4									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml				<0.1			25.8	10 X 100'S	8400
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	9525
	UNDER BRIDGE DISCHARGE	1000 ml				<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml				<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	17925
	WEEK 5										
	INTAKE ICICLE	1000 ml									
	PA POND DISCHARGE	1000 ml								TOTAL GPM	

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GPM x 60min x 24hrs =

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water

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LOCATION Leavenworth, WA

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DISCHARGE MONITORING REPORT (DMR)

WA-000190-2 PERMIT NUMBER

DISCHARGE NUMBER

1			MONITO	DRING F	PERIOD		
	YEAR	MO	DAY	7///	YEAR	MO	DAY
FROM	8	5	1	то	8	5	31

Form Approved. OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION		1	10.	FREQUENCY	SAMP
PARAMETER	Ī	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	1	JNITS E	X	ANALYSIS	TYPI
Flow	SAMPLE MEASUREMENT	22.05	25.8	MGD								Tot
				MOD								
Suspended Solids Non-Cleaning	SAMPLE MEASUREMENT	0	0	Kg/Day								
Total Discharge				isg/Day				700				
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	Τ.	AL 0			100
Non-Cleaning Total Discharge									ML/L			200
Suspended Solids	SAMPLE MEASUREMENT				3	5	7		145.11		IOS/IEIUS/EESSII	
Cleaning Effluent								,	MG/L			
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	Ι,	AL (1			
Cleaning Effluent									ML/L			
	SAMPLE MEASUREMENT		DE	CEL	VED							
												Va
	SAMPLE MEASUREMENT		JU UI JU	L 1 4 20	08 1111							
					171						Tr.V.	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my dir	of law that this docum	ent and all attachment in accordance with a	Werec E AND E	NFORCEMENT			TE	ELEPHONE		DAT	E
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, or information, the informa- belief, true, accurate, an	qualified personnel pro Based on my inquiry of those persons directly ition submitted is, to the	operly gather and evaluation of the person or person responsible for gather best of my knowled	rate the ns who ring the ge and	alle	7		509	548-764	1	8	5
TYPED OR PRINTED	penalties for submitting imprisonment for knowing	false information, inclu				PRINCIPAL EXECUT		AREA CODE	NUMBER		YEAR N	10

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

	1		SUSF	PENDED		SETTLEABLE					
	May `08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE	NET	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE	SOLIDS	MG/L	CONC ML/L	DIFF	KG/D	MG/D		
5/7/2008	WEEK 1									ADULT POND	0
	INTAKE ICICLE	1000 ml	5.5		Ø			Ø	10.8	10 X 100'S	0
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water							8 X 80'S	7500
	UNDER BRIDGE DISCHARGE		2.5							NURSERY	0
	PA POND DISCHARGE	1000ml								Trout Pond / FL'S	0
										TOTAL GPM ¹	7500
5/13/2008	WEEK 2									ADULT POND	0
	INTAKE ICICLE	1000 ml		3.5		<0.1			25.8	10 X 100'S	8400
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	9525
	UNDER BRIDGE	1000ml				<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml		3		<0.1		di .		Trout Pond / FL'S	0
										TOTAL GPM ¹	17925
5/20/2008	WEEK 3									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		13.5		<0.1			25.8	10 X 100'S	8400
	OUTSIDE SC CANAL DISCHARGE									8 X 80'S	9525
	UNDER BRIDGE DISCHARGE									NURSERY	0
	PA POND DISCHARGE	1000 ml		7		<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	17925
5/28/2008	WEEK 4									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml				<0.1			25.8	10 X 100'S	8400
	OUTSIDE SC CANAL DISCHARGE	1000ml		Sec. 1774		No Water				8 X 80'S	9525
	UNDER BRIDGE DISCHARGE	1000 ml			ľ	<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml				<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	17925
	WEEK 5										
	INTAKE ICICLE	1000 ml									
	PA POND DISCHARGE	1000 ml								TOTAL GPM	

'When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

GPM x 60min x 24hrs =

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water

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WA-000190-2 PERMIT NUMBER

DISCHARGE NUMBER

			MONITO	ORING I	PERIOD		
	YEAR	МО	DAY		YEAR	МО	DAY
FROM	8	4	1	то	8	4	30

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION			NO.	FREQUENCY	SAME
F/MACADILI) LEA		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	L	JNITS	EX	ANALYSIS	TYP
Flow	SAMPLE MEASUREMENT	20.8	27.5	MGD		10						Tot
Suspended Solids	SAMPLE MEASUREMENT	0	0									
Non-Cleaning Total Discharge				Kg/Day								
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1					
Non-Cleaning Total Discharge							IN SEC.		ML/L	2 10		
Suspended Solids	SAMPLE MEASUREMENT				<1.0	<2.4	2.4		MG/L			
Cleaning Effluent									VIG/L			
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1		41.71		-	
Cleaning Effluent			marries (12)	(A-1)					ΛL/L			
	SAMPLE MEASUREMENT		DES									Г
			10 4 0	EIV	層別							
	SAMPLE MEASUREMENT		III	1 4 000						C. SALVES		
				1 4 2008	12							
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my dir	of law that this docum rection or supervision i	ent and all attackhiering Commercial	SAMEGION 10	DRCEMENT			TE	ELEPHONE		DA	TE
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, or information, the informa- belief, true, accurate, an	t qualified personnel pro Based on my Inquiry of those persons directly ation submitted is, to the ad complete. I am aware	operly gather and evaluate the person or person responsible for gather the best of my knowled a that there are significate.	ate the ns who ing the ge and int	AlleC	1		509	548-70	641	8	4 3
TYPED OR PRINTED	penalties for submitting imprisonment for knowlr		ding the possibility of fi	ne and		PRINCIPAL EXECUT		AREA CODE	NUMBI	ER	YEAR	MO D

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

EPA Form 3320-1 (Rev. 3/99) Previous editions may be used.

PAGE 1 OF 1

Form Approved, OMB No. 2040-0004

^{*} Grab net over influent.

-			SUSF	PENDED		SETTLEABLE					
	Apr. `08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE	NET	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE	SOLIDS	MG/L	CONC ML/L	DIFF	KG/D	MG/D		
4/2/2008	WEEK 1									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml	<1		Ø			Ø	27.5	10 X 100'S	9380
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water				ph	do		8 X 80'S	9750
	UNDER BRIDGE DISCHARGE		<1							NURSERY	0
	PA POND DISCHARGE	1000ml						-		Trout Pond / FL'S	0
										TOTAL GPM ¹	19130
4/9/2008	WEEK 2									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1		<0.1			27.5	10 X 100'S	9380
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water	ph	do		8 X 80'S	9750
	UNDER BRIDGE	1000ml				<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	19130
4/16/2008	WEEK 3									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		2.4		<0.1			27.5	10 X 100'S	9380
	OUTSIDE SC CANAL DISCHARGE						ph	do		8 X 80'S	9750
	UNDER BRIDGE DISCHARGE	100								NURSERY	0
	PA POND DISCHARGE	1000 ml		2.2		<0.1				Trout Pond / FL'S	0
	1									TOTAL GPM ¹	19130
4/23/2008	WEEK 4									ADULT POND	0
	INTAKE ICICLE	1000 ml				<0.1			10.8	10 X 100'S	0
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water	ph	do		8 X 80'S	7500
	UNDER BRIDGE DISCHARGE	1000 ml				<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml				<0.1				Trout Pond / FL'S	0
				SEE STATE						TOTAL GPM ¹	7500
4/29/2008	WEEK 5										

'When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

10.8

TOTAL GPM

7500

INTAKE ICICLE

PA POND DISCHARGE

GPM x 60min x 24hrs =

Flow MG/D

1000 ml

GPM x 0.00545 x Net Diff =

¹This amount includes well water

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WA-000190-2
PERMIT NUMBER DISCHARGE NUMBER

1			MONITO	ORING I	PERIOD		
- 1	YEAR	MO	DAY		YEAR	MO	DAY
FROM	08	1	1	то	08	1	31

file

Form Approved. OMB No. 2040-0004

ALCO TE	Donat.	t A At	t - f		41. 1	F
NO IE:	Kead	instructions	petore	completing	mis	torm.

PARAMETER		QUANT	ITY OR LOADING		11	QUALITY OR CON	CENTRATION			NO.	FREQUENCY	SAM
FANAME) EN		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	U	NITS	EX	ANALYSIS	TY
Flow	SAMPLE MEASUREMENT	24.9	27.1	MCD								To
Flow	PERMIT REQUIREMENT	N/A	N/A	MGD	N/A	N/A	N/A				Daily	
Suspended Solids	SAMPLE MEASUREMENT	0	0	K-/D								
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	Kg/Day	N/A	N/A	N/A				1/Month	Con
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1					
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A		IL/L -		2/Month	Gra
Suspended Solids	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0					
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A	1 1	N/A	N/A	15*	M	IG/L -		2/Month	Gra
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	Ť				
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	M	L/L		1/Week	Gra
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT	n.	ECE	VE								
*	SAMPLE MEASUREMENT	N	ADD 1 1	2000								
	PERMIT REQUIREMENT	ע ע	APR 1 1	2000								
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my dir	of law that this docume	nt and all appoints	MONETS AMERICAN	ENT			TEL	LEPHONE		DA:	ΓE
Al Jensen Hatchery Manager, LNFH	information submitted, manage the system, or information, the informa- belief, true, accurate, an	Based on my inquiry of those persons directly ation submitted is, to the id complete. I am aware	f the person or person responsible for gather that there are signification.	ons who ering the dge and cant	aul	d		509	548-76	541	08	1
		false information, including the possibility of fine and			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				NUMBE	R	YEAR	мо п

^{*} Grab net over influent.

SUSPENDED SETTLEABLE Feb. '08 SAMPLE COMP SUSPENDED NET DIFF **NET SAMPLE** NET WASTE TOTAL FLOW PONDS IN USE GPM VOLUME SAMPLE SOLIDS MG/L CONC ML/L DIFF KGID MG/D DATE Location ADULT POND Reuse 2/5/2008 WEEK 1 1.5 <1 <107 28.3 INTAKE ICICLE 1000 ml 10 X 100'S 9800 8 X 80'S 5775 OUTSIDE SC CANAL DISCHARGE 1000 ml No Water <1 NURSERY 4075 UNDER BRIDGE DISCHARGE Trout Pond / FL'S 0 PA POND DISCHARGE 1000ml TOTAL GPM¹ 19650 ADULT POND Reuse 2/11/2008 WEEK 2 29 <1 < 0.1 10 X 100'S 9800 INTAKE ICICLE 1000 ml No Water 8 X 80'S 5775 OUTSIDE SC CANAL DISCHARGE 1000ml < 0.1 NURSERY 4565 **UNDER BRIDGE** 1000ml < 0.1 <1 Trout Pond / FL'S 0 PA POND DISCHARGE 1000 ml TOTAL GPM1 20140 ADULT POND Reuse 2/19/2008 WEEK 3 <1 < 0.1 29 10 X 100'S 9800 INTAKE ICICLE 1000 ml 8 X 80'S 5775 OUTSIDE SC CANAL DISCHARGE NURSERY 4565 UNDER BRIDGE DISCHARGE 0 < 0.1 Trout Pond / FL'S PA POND DISCHARGE 1000 ml <1 TOTAL GPM1 20140 ADULT POND Reuse

< 0.1

No Water

< 0.1 < 0.1 29

10 X 100'S

NURSERY

Trout Pond / FL'S

TOTAL GPM1

TOTAL GPM

8 X 80'S

9800

5775

4565

0

20140

When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

WEEK 4

INTAKE ICICLE

OUTSIDE SC CANAL DISCHARGE

UNDER BRIDGE DISCHARGE

PA POND DISCHARGE

WEEK 5 INTAKE ICICLE

PA POND DISCHARGE

GPM x 60min x 24hrs =

2/26/2008

Flow MG/D

1000 ml

1000ml

1000 ml

1000 ml

1000 ml

1000 ml

GPM x 0.00545 x Net Diff =

¹This amount includes well water

NAME

U.S. DEPT. OF INTERIOR U.S. FISH

AND WILDLIFE SERVICE

ADDRESS

Leavenworth National Fish Hatchery

12790 Fish Hatchery Rd Leavenworth, WA 98826

FACILITY

LOCATION

Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

WA-000190-2
PERMIT NUMBER DISCHARGE NUMBER

[MONITO	ORING I	PERIOD		
[YEAR	MO	DAY		YEAR	МО	DAY
FROM	8	2	1	то	8	2	29

Form Approved, OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CON	CENTRATION			NO.	FREQUENCY	SAMPL
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UI	NITS	EX	ANALYSIS	TYPE
ri	SAMPLE MEASUREMENT	28.8	29.0	1165				-				Tota
Flow	PERMIT REQUIREMENT	N/A	N/A N/A <107 <107	MGD	N/A	N/A	N/A				Daily	
Suspended Solids	SAMPLE MEASUREMENT	<107		14 15								
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	704	921	- Kg/Day	N/A	N/A	N/A				1/Month	Comp
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	1.,				
Non-Cleaning Total Discharge	PERMIT REQUIREMENT	N/A	N/A		N/A	0.1	N/A		IL/L -		2/Month	Grab
Suspended Solids	SAMPLE MEASUREMENT				<1.0	<1.0	<1.0	١.,	<i>C II</i>			
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	15*	- IVI	IG/L -		2/Month	Grab
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	Τ				
Cleaning Effluent	PERMIT REQUIREMENT	N/A	N/A		N/A	N/A	0.2	- M	IL/L -		1/Week	Grab
	SAMPLE MEASUREMENT		ECE	IVE	DI							
	PERMIT REQUIREMENT		ADD .								Jan.	
	SAMPLE MEASUREMENT	U	APR 1	1 2008								
	PERMIT REQUIREMENT	OFF	U.S. EPA RI	GION 10								
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my di	of law that this docume	ent and all attachmen	ts were	MENT			TE	LEPHONE		DA.	rE
Al Jensen Hatchery Manager, LNFH	designed to assure that information submitted, manage the system, or information, the information, the contraction, the contraction, the contraction of the contracti	t qualified personnel pro Based on my inquiry or those persons directly ation submitted is, to the	perly gather and evaluation of the person or person responsible for gather best of my knowled	rate the ns who ring the ige and	All	11		_509	548-76	541	8	2 29
TYPED OR PRINTED		false information, include		ng the possibility of fine and		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			NUMBE	R	YEAR	MO DA

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

			SUSF	PENDED		SETTLEABLE					
	Mar `08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE	NET	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE	SOLIDS	MG/L	CONC ML/L	DIFF	KG/D	MG/D		
3/5/2008	WEEK 1									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml	<1		Ø			Ø	29.7	10 X 100'S	9380
	OUTSIDE SC CANAL DISCHARGE	1000 ml	No Water							8 X 80'S	7500
	UNDER BRIDGE DISCHARGE		<1							NURSERY	3725
	PA POND DISCHARGE	1000ml								Trout Pond / FL'S	0
										TOTAL GPM ¹	20605
3/13/2008	WEEK 2									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1		<0.1			29.8	10 X 100'S	9380
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	9750
	UNDER BRIDGE	1000ml				<0.1				NURSERY	1560
	PA POND DISCHARGE	1000 ml		<1		<0.1			10.11	Trout Pond / FL'S	0
										TOTAL GPM ¹	20690
3/19/2008	WEEK 3									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1		<0.1			27.5	10 X 100'S	9380
	OUTSIDE SC CANAL DISCHARGE									8 X 80'S	9750
	UNDER BRIDGE DISCHARGE									NURSERY	0
West of the second	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	0
						Market M.				TOTAL GPM ¹	19130
3/26/2008	WEEK 4									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml				<0.1	100		27.5	10 X 100'S	9380
	OUTSIDE SC CANAL DISCHARGE	1000ml			8	No Water				8 X 80'S	9750
	UNDER BRIDGE DISCHARGE	1000 ml			4	<0.1				NURSERY	0
	PA POND DISCHARGE	1000 ml				<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	19130
	WEEK 5										
	INTAKE ICICLE	1000 ml									
	PA POND DISCHARGE	1000 ml				CONTRACTOR OF STREET				TOTAL GPM	

When values are preceded by the "less than" symbol, I used the reported value in the calculation then added the (<) to the left of the calculated value

GPM x 60min x 24hrs =

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water

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Leavenworth, WA 98826

FACILITY

LOCATION Leavenworth, WA

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

WA-000190-2 PERMIT NUMBER

DISCHARGE NUMBER

- [MONITO	ORING F	PERIOD		
	YEAR	МО	DAY		YEAR	МО	DAY
ROM	8	3	1	то	8	3	31

Form Approved. OMB No. 2040-0004

NOTE: Read instructions before completing this form.

PARAMETER		QUAN	TITY OR LOADING		3	QUALITY OR CON	CENTRATION		NO		CY SAI	MPL
PARAMETER		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UI	VITS EX	ANALYS	S T	YPE
Flow	SAMPLE MEASUREMENT	28.6	29.8	MGD						0.0	To	ota
Suspended Solids Non-Cleaning	SAMPLE MEASUREMENT	0	0	Kg/Day								
Total Discharge												
Settleable Solids Non-Cleaning	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	М	IL/L		72 (52)	
Total Discharge	SAMPLE	THE STATE OF			El Solvedie			-	1000	TO THE		
Suspended Solids	MEASUREMENT				<1.0	<1.0	<1.0	_ M	IG/L			
Cleaning Effluent								542 54				
Settleable Solids	SAMPLE MEASUREMENT				<0.1	<0.1	<0.1	M	L/L			
Cleaning Effluent				EIV								
	SAMPLE MEASUREMENT		No.		50							
				1 2008	推進							
	SAMPLE MEASUREMENT		110 50		101							
			Charles of the last	REGION 10 CE AND ENFO	Die.							
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty prepared under my di	rection or supervision	in accordance with a	system				TE	LEPHONE	1	DATE	
Al Jensen designed to assu information subm manage the syst history Manager, LNFH information, the information, the information, the information, the information, the information information, the information in	designed to assure that information submitted, manage the system, of information, the information, the contraction, the system.	t qualified personnel pr Based on my inquiry r those persons directly ation submitted is, to t	operly gather and evalu of the person or person or responsible for gathe he best of my knowled	uate the ons who ring the dge and	Att	CJ	-	509	548-7641	8	3	100
TYPED OR PRINTED	penalties for submitting imprisonment for knowle	false information, inclu				PRINCIPAL EXECUTAUTHORIZED AGEN		AREA CODE	NUMBER	YEAR	мо	C

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

^{*} Grab net over influent.

SUSPENDED

SETTLEABLE

			0007	AND DESCRIPTION OF THE PERSON		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW					
	Jan. `08	SAMPLE	COMP	SUSPENDED	NET DIFF	NET SAMPLE	NET	WASTE	TOTAL FLOW	PONDS IN USE	GPM
DATE	Location	VOLUME	SAMPLE	SOLIDS	MG/L	CONC ML/L	DIFF	KG/D	MG/D		
1/3/2008	WEEK 1									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml	1.5		Ø			Ø	26.2	10 X 100'S	9835
	OUTSIDE SC CANAL DISCHARGE	1000 ml								8 X 80'S	5775
,	UNDER BRIDGE DISCHARGE		1.5							NURSERY	2590
	PA POND DISCHARGE	1000ml								Trout Pond / FL'S	0
										TOTAL GPM ¹	18200
1/9/2008	WEEK 2									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		<1		<0.1			26.2	10 X 100'S	9835
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	5775
	UNDER BRIDGE	1000ml				<0.1				NURSERY	2590
	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	18200
1/24/2008	WEEK 3								310 Shi ta 10311	ADULT POND	Reuse
	INTAKE ICICLE	1000 ml		1		<0.1			20.2	10 X 100'S	5635
	OUTSIDE SC CANAL DISCHARGE									8 X 80'S	5775
- N 802.11041	UNDER BRIDGE DISCHARGE									NURSERY	2590
	PA POND DISCHARGE	1000 ml		<1		<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	14000
1/29/2008	WEEK 4									ADULT POND	Reuse
	INTAKE ICICLE	1000 ml				<0.1			27.1	10 X 100'S	9835
	OUTSIDE SC CANAL DISCHARGE	1000ml				No Water				8 X 80'S	5775
	UNDER BRIDGE DISCHARGE	1000 ml				<0.1				NURSERY	3180
	PA POND DISCHARGE	1000 ml				<0.1				Trout Pond / FL'S	0
										TOTAL GPM ¹	18790
	WEEK 5										
	INTAKE ICICLE	1000 ml									
	PA POND DISCHARGE	1000 ml					10			TOTAL GPM	

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GPM x 60min x 24hrs =

Flow MG/D

GPM x 0.00545 x Net Diff =

¹This amount includes well water